

NOAA and NOAA Partnership Stations Relative to the Storm Pensacola, FL Dauphin Island, AL Panama City, FL Bay Waveland Yacht Club, MS Shell Beach, LA 1/10/09 6 PM New Canal Station, 11/11/09 6 PM 11/10/09 6 AM 11/09/09 6 PM Pilots Station East, L 11/09/09 6 AM 11/08/09 9 PM Active Stations Extent TS Force Winds Extent Hurricane Force Winds

Storm Analysis

As of 11/08/2009 23:00 CST, water levels from Panama City, FL to Pilots Station East, LA are rising and range between 0.70 to 1.66 ft above predicted. Barometric pressure is falling across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to <u>Mean Lower Low Water</u> are:

Panama City, FL: Next predicted high tide is 1.6 ft (0.49 m) at 11/09/2009 01:47 CST.

Pensacola, FL: Next predicted high tide is 2.1 ft (0.63 m) at 11/09/2009 02:53 CST.

Dauphin Island, AL: Next predicted high tide is 1.6 ft (0.49 m) at 11/09/2009 02:17 CST.

Bay Waveland Yacht Club, MS: Next predicted high tide is 2.0 ft (0.61 m) at 11/09/2009 04:06 CST.

Shell Beach, LA: Next predicted high tide is 1.6 ft (0.49 m) at 11/09/2009 06:21 CST.

New Cannal Station, LA: Next predicted high tide is 0.4 ft (0.12 m) at 11/09/2009 10:12 CST.

Pilots Station East, SW Pass, LA: Next predicted high tide is 1.6 ft (0.49 m) at 11/09/2009 12:27 CST.

For additional data, please see the <u>Center for Operational Oceanographic Products & Services website</u>. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:LH

SELECT <u>NATIONAL HURRICANE CENTER</u> ADVISORY INFORMATION:TROPICAL STORM CLAUDETTE ADVISORY NUMBER 21

900 PM CST SUN NOV 08 2009

...IDA HEADING NORTH NORTHWESTWARD....HURRICANE WARNING ISSUED FOR A PORTION OF THE NORTHERN GULF COAST...

AT 900 PM CST...0300 UTC...A HURRICANE WARNING HAS BEEN ISSUED FOR THE NORTHERN GULF COAST FROM PASCAGOULA MISSISSIPPI EASTWARD TO INDIAN PASS FLORIDA. A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 24 HOURS. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

AT 900 PM CST...0300 UTC...A TROPICAL STORM WARNING AND A HURRICANE WATCH ARE IN EFFECT FOR THE NORTHERN GULF COAST FROM GRAND ISLE LOUISIANA EASTWARD TO WEST OF PASCAGOULA MISSISSIPPI...INCLUDING NEW ORLEANS AND LAKE PONTCHARTRAIN. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 24 HOURS. A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...GENERALLY WITHIN 36 HOURS.

AT 900 PM CST...0300 UTC...A TROPICAL STORM WARNING HAS BEEN ISSUED FOR THE NORTHERN GULF COAST FROM EAST OF INDIAN PASS TO AUCILLA RIVER FLORIDA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

AT 900 PM CST...0300 UTC...THE CENTER OF HURRICANE IDA WAS LOCATED 400 MILES...645 KM...SOUTH-SOUTHEAST OF THE MOUTH OF THE MISSISSIPPI RIVER.

IDA IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 14 MPH...22 KM/HR. A TURN

TOWARD THE NORTH AND AN INCREASE IN FORWARD SPEED ARE EXPECTED DURING THE NEXT 24 HOURS...FOLLOWED BY A TURN TOWARD THE NORTHEAST ON MONDAY NIGHT. ON THE FORECAST TRACK...IDA IS EXPECTED TO CROSS THE GULF OF MEXICO TONIGHT AND MONDAY...AND APPROACH THE NORTHERN GULF COAST MONDAY NIGHT OR EARLY TUESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 105 MPH...165 KM/HR...WITH HIGHER GUSTS. IDA IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. GRADUAL WEAKENING IS FORECAST...BUT IDA IS EXPECTED TO REMAIN A HURRICANE AS IT APPROACHES THE NORTHERN GULF COAST.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES...55 KM...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES...280 KM.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 979 MB...28.91 INCHES.

IDA IS EXPECTED TO PRODUCE ADDITIONAL RAIN ACCUMULATIONS OF 1 TO 3 INCHES OVER PORTIONS OF WESTERN CUBA...WITH ISOLATED MAXIMUM STORM TOTAL AMOUNTS OF 8 INCHES POSSIBLE.

RAINS WILL BE INCREASING WELL IN ADVANCE OF IDA ACROSS THE CENTRAL AND EASTERN GULF COAST...BUT WILL BECOME STEADIER AND HEAVIER BY MONDAY INTO TUESDAY. TOTAL STORM ACCUMULATIONS OF 3 TO 5 INCHES WITH ISOLATED MAXIMUM STORM TOTALS OF 8 INCHES WILL BE POSSIBLE THROUGH TUESDAY FROM THE CENTRAL AND EASTERN GULF COAST NORTHWARD INTO THE EASTERN PORTIONS OF THE TENNESSEE VALLEY AND THE SOUTHERN APPALACHIANS.

A DANGEROUS STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 4 TO 6 FEET ABOVE GROUND LEVEL ALONG THE COAST NEAR AND TO THE EAST OF WHERE THE CENTER MAKES LANDFALL. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE AND DESTRUCTIVE WAVES.

\$\$ FORECASTER BROWN/BERG

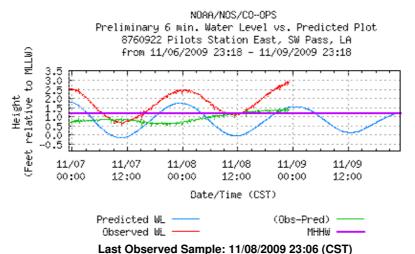
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Pilots Station East, SW Pass - Water Level, Pilots Station East, SW Pass - Air/Water Temp, Pilots Station East, SW Pass - Winds, Pilots Station East, SW Pass - Barometric, Shell Beach - Water Level, Shell Beach - Air/Water Temp, Shell Beach - Winds, Shell Beach - Barometric, New Canal Station - Water Level, New Canal Station - Air/Water Temp, New Canal Station - Water Level, Bay Waveland Yacht Club - Water Level, Bay Waveland Yacht Club - Air/Water Temp, Bay Waveland Yacht Club - Winds, Bay Waveland Yacht Club - Barometric, Dauphin Island - Water Level, Dauphin Island - Air/Water Temp, Dauphin Island - Winds, Dauphin Island - Barometric, Pensacola - Water Level, Pensacola - Air/Water Temp, Pensacola - Winds, Pensacola - Barometric, Panama City -

Hurricane IDA QuickLook, POSTED 23:00 CST 11/08/2009

Water Level, Panama City - Air/Water Temp, Panama City - Winds, Panama City - Barometric,

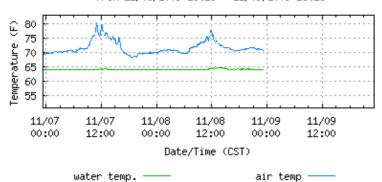
Pilots Station East, SW Pass, LA - Return to List



Relative to MLLW: Observed: 2.88 ft. Predicted: 1.52 ft. Residual: 1.36 ft. Historical Maximum Water Level: 08/29/2005, 6.24 ft. above MHHW

Pilots Station East, SW Pass, LA - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8760922 Pilots Station East, SW Pass, LA from 11/06/2009 23:18 - 11/09/2009 23:18



Last Observed Sample: 11/08/2009 23:06 (CST)
Water Temperature: 64.0° F Air Temperature: 70.7° F

Pilots Station East, SW Pass, LA - Return to List

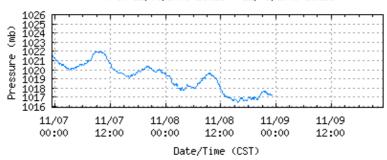
NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8760922 Pilots Station East, SW Pass, LA from 11/06/2009 23:18 - 11/09/2009 23:18 360 (true) 25 speed (knots) 270 20 15 direction 180 10 90 5 0 11/08 11/08 11/09 11/07 11/09 11/07 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (CST) direction speed gusts -

Last Observed Sample: 11/08/2009 23:06 (CST)

Wind Speed: 18 knots Gusts: 19 knots Direction: 085° T

Pilots Station East, SW Pass, LA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8760922 Pilots Station East, SW Pass, LA from 11/06/2009 23:18 - 11/09/2009 23:18



barometric pressure ——

Last Observed Sample: 11/08/2009 23:06 (CST)

Barometric Pressure: 1017.3 mb

Shell Beach, LA - Return to List

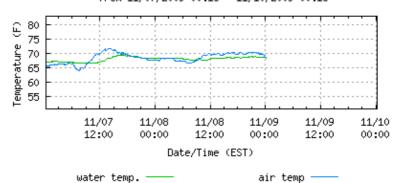
NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8761305 Shell Beach, LA Height (Feet relative to MLLW) from 11/07/2009 00:18 - 11/10/2009 00:18 332211000 11/07 11/08 11/08 11/09 11/09 11/10 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (EST) Predicted WL (Obs-Pred) Observed WL MHHW

Last Observed Sample: 11/09/2009 00:06 (EST)
Relative to MLLW: Observed: 2.56 ft. Predicted: 0.96 ft. Residual: 1.60 ft.

Historical Maximum Water Level: n/a

Shell Beach, LA - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8761305 Shell Beach, LA from 11/07/2009 00:18 - 11/10/2009 00:18



Last Observed Sample: 11/09/2009 00:06 (EST)

Water Temperature: 68.5° F Air Temperature: 68.7° F

Shell Beach, LA - Return to List

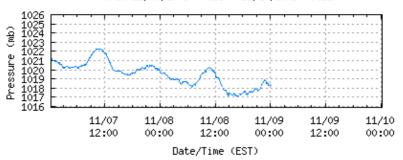
NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8761305 Shell Beach, LA from 11/07/2009 00:18 - 11/10/2009 00:18 360 25 speed (knots) 270 20 15 direction 180 10 90 5 0 0 11/08 11/09 11/08 11/09 11/07 11/10 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (EST) direction gusts speed -

Last Observed Sample: 11/09/2009 00:06 (EST)

Wind Speed: 12 knots Gusts: 14 knots Direction: 029° T

Shell Beach, LA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8761305 Shell Beach, LA from 11/07/2009 00:18 - 11/10/2009 00:18



barometric pressure ----

Last Observed Sample: 11/09/2009 00:06 (EST)

Barometric Pressure: 1018.3 mb

New Canal Station, LA - Return to List

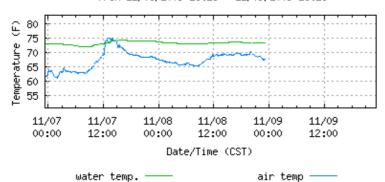
NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8761927 New Canal Station, LA Height (Feet relative to MLLW) from 11/06/2009 23:18 - 11/09/2009 23:18 332211000 11/07 11/07 11/08 11/08 11/09 11/09 00:00 12:00 12:00 00:00 12:00 00:00 Date/Time (CST) Predicted WL (Obs-Pred) Observed WL MHHW

Last Observed Sample: 11/08/2009 23:06 (CST)

Relative to MLLW: Observed: 1.56 ft. Predicted: 0.04 ft. Residual: 1.52 ft. Historical Maximum Water Level: 09/13/2008, 4.98 ft. above MHHW

New Canal Station, LA - Return to List

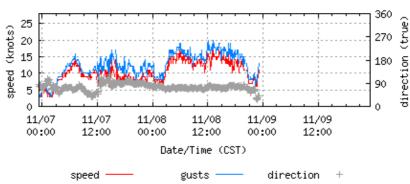
NOAA/NOS/CO-OPS Air/Water Temperature Plot 8761927 New Canal Station, LA from 11/06/2009 23:18 - 11/09/2009 23:18



Last Observed Sample: 11/08/2009 23:06 (CST)
Water Temperature: 73.2° F Air Temperature: 67.8° F

New Canal Station, LA - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8761927 New Canal Station, LA from 11/06/2009 23:18 - 11/09/2009 23:18

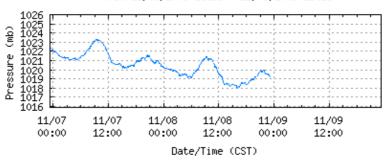


Last Observed Sample: 11/08/2009 23:06 (CST)

Wind Speed: 11 knots Gusts: 13 knots Direction: 041 ° T

New Canal Station, LA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8761927 New Canal Station, LA from 11/06/2009 23:18 - 11/09/2009 23:18



barometric pressure ----

Last Observed Sample: 11/08/2009 23:06 (CST)

Barometric Pressure: 1019.2 mb

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8747437 Bay Waveland Yacht Club, MS Height (Feet relative to MLLW) from 11/07/2009 00:18 - 11/10/2009 00:18 332211000 11/07 11/08 11/08 11/09 11/09 11/10 12:00 00:00 12:00 12:00 00:00 00:00 Date/Time (EST) Predicted WL (Obs-Pred) Observed WL MHHW

Last Observed Sample: 11/09/2009 00:06 (EST)

Relative to MLLW: Observed: 3.02 ft. Predicted: 1.52 ft. Residual: 1.50 ft.

Historical Maximum Water Level: 10/28/1985, 5.05 ft. above MHHW

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8747437 Bay Waveland Yacht Club, MS
from 11/07/2009 00:18 - 11/10/2009 00:18



Last Observed Sample: 11/09/2009 00:06 (EST)
Water Temperature: 78.6° F Air Temperature: 67.8° F

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8747437 Bay Waveland Yacht Club, MS from 11/07/2009 00:18 - 11/10/2009 00:18 360 25 speed (knots) 270 20 15 180 10 90 5 0 0 11/08 11/07 11/09 11/09 11/08 11/10 12:00 00:00 12:00 00:00 12:00 00:00

direction

Last Observed Sample: 11/09/2009 00:06 (EST)

speed

Wind Speed: 9 knots Gusts: 10 knots Direction: 004° T

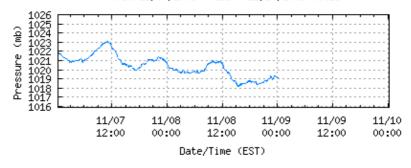
Date/Time (EST)

gusts -

direction

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8747437 Bay Waveland Yacht Club, MS from 11/07/2009 00:18 - 11/10/2009 00:18



barometric pressure ——
Last Observed Sample: 11/09/2009 00:06 (EST)

Barometric Pressure: 1019.1 mb

Dauphin Island, AL - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8735180 Dauphin Island, AL Height (Feet relative to MLLW) from 11/06/2009 23:18 - 11/09/2009 23:18 332211000 11/07 11/07 11/08 11/08 11/09 11/09 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (CST) Predicted WL (Obs-Pred) Observed WL MHHW

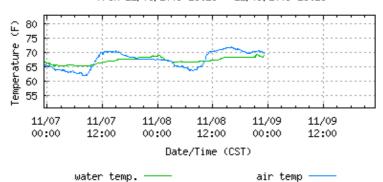
Last Observed Sample: 11/08/2009 23:06 (CST)

Relative to MLLW: Observed: 2.33 ft. Predicted: 1.32 ft. Residual: 1.01 ft.

Historical Maximum Water Level: 09/02/1985, 3.36 ft. above MHHW

Dauphin Island, AL - Return to List

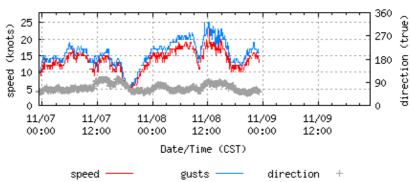
NOAA/NOS/CO-OPS Air/Water Temperature Plot 8735180 Dauphin Island, AL from 11/06/2009 23:18 - 11/09/2009 23:18



Last Observed Sample: 11/08/2009 23:06 (CST)
Water Temperature: 68.9° F Air Temperature: 69.8° F

Dauphin Island, AL - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8735180 Dauphin Island, AL from 11/06/2009 23:18 - 11/09/2009 23:18

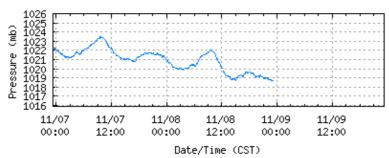


Last Observed Sample: 11/08/2009 23:06 (CST)

Wind Speed: 13 knots Gusts: 16 knots Direction: 052° T

Dauphin Island, AL - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8735180 Dauphin Island, AL from 11/06/2009 23:18 - 11/09/2009 23:18

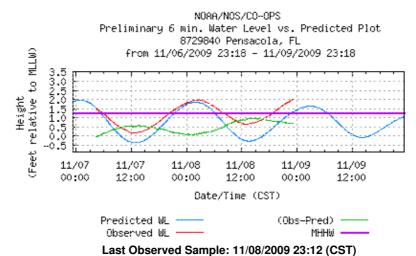


barometric pressure ---

Last Observed Sample: 11/08/2009 23:06 (CST)

Barometric Pressure: 1018.7 mb

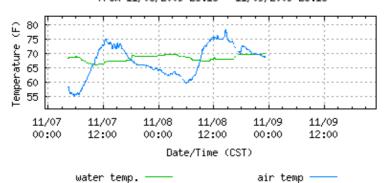
Pensacola, FL - Return to List



Relative to MLLW: Observed: 2.03 ft. Predicted: 1.33 ft. Residual: 0.70 ft. Historical Maximum Water Level: 09/18/1926, 7.41 ft. above MHHW

Pensacola, FL - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8729840 Pensacola, FL from 11/06/2009 23:18 - 11/09/2009 23:18



Last Observed Sample: 11/08/2009 23:12 (CST)
Water Temperature: 69.9° F Air Temperature: 68.9° F

Pensacola, FL - Return to List

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8729840 Pensacola, FL
from 11/06/2009 23:18 - 11/09/2009 23:18

360

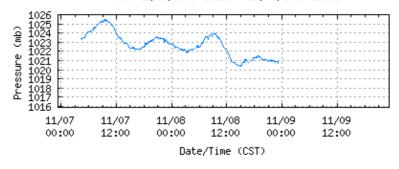
25 speed (knots) 270 20 15 direction 180 10 90 5 0 11/08 11/09 11/07 11/09 11/08 11/07 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (CST) gusts direction speed -

Last Observed Sample: 11/08/2009 23:12 (CST)

Wind Speed: 10 knots Gusts: 13 knots Direction: 037° T

Pensacola, FL - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8729840 Pensacola, FL from 11/06/2009 23:18 - 11/09/2009 23:18

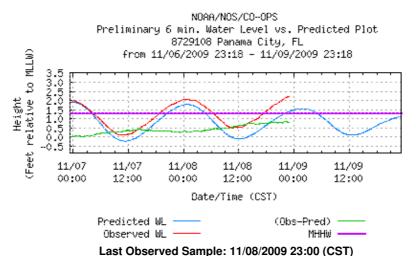


barometric pressure ----

Last Observed Sample: 11/08/2009 23:12 (CST)

Barometric Pressure: 1020.7 mb

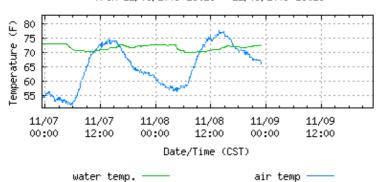
Panama City, FL - Return to List



Relative to MLLW: Observed: 2.19 ft. Predicted: 1.40 ft. Residual: 0.79 ft. Historical Maximum Water Level: 10/04/1995, 5.72 ft. above MHHW

Panama City, FL - Return to List

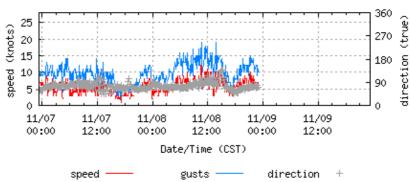
NOAA/NOS/CO-OPS Air/Water Temperature Plot 8729108 Panama City, FL from 11/06/2009 23:18 - 11/09/2009 23:18



Last Observed Sample: 11/08/2009 23:00 (CST)
Water Temperature: 72.3° F Air Temperature: 66.0° F

Panama City, FL - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8729108 Panama City, FL from 11/06/2009 23:18 - 11/09/2009 23:18

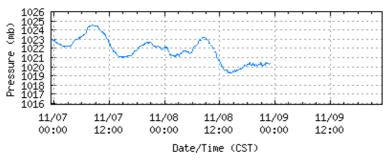


Last Observed Sample: 11/08/2009 23:00 (CST)

Wind Speed: 6 knots Gusts: 10 knots Direction: 072° T

Panama City, FL - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8729108 Panama City, FL from 11/06/2009 23:18 - 11/09/2009 23:18



barometric pressure ——

Last Observed Sample: 11/08/2009 23:00 (CST)

Barometric Pressure: 1020.4 mb

Hurricane IDA QuickLook, POSTED 23:00 CST 11/08/2009

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS) National Oceanic and Atmospheric Administration | U.S. Department of Commerce